



SEQUENCE LISTING

<110> Duhl, David
Gorman, Susan Wilkie

<120> HUMAN CHROMOSOME 15 AND 16 BARDET-BIEDL
SYNDROME POLYNUCLEOTIDES AND POLYPEPTIDES AND METHODS OF USE

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<140> 09/602,597

<141> 2000-06-22

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<213> Homo sapiens

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Gln Glu Leu Ile Glu Lys Gln Arg Arg Glu Glu Glu Leu Lys Glu Leu
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Pro Asp Asp Lys Asn Gln Glu Pro Ser Ser Cys Lys Ser Leu Gly Asn
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Thr Ser Leu Ser Gly Pro Ser Ile His Cys Pro Ser Ala Ala Val Cys
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 35 40 45
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 Ala Tyr Gly Trp Val Met Phe Val Ala Val Phe Leu Trp Leu Val Thr
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65      70      75      80
Tyr Arg Cys Gln Val Gly Ala Gly Met Cys Pro Val Asp Lys Ala His
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210     215     220
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<212> PRT

<213> Homo sapiens

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His Pro Gln Lys Ala Ser Arg Arg Pro Ser Ala Ala Pro Ala Ser Gln
          20           25           30
Gln Leu Gln Ser Leu Glu Ser Lys Leu Thr Ser Val Arg Phe Met Gly
          35           40           45
Asp Met Val Ser Phe Glu Glu Asp Arg Ile Asn Ala Thr Val Trp Lys
          50           55           60
Leu Gln Pro Thr Ala Gly Leu Gln Asp Leu His Ile His Ser Arg Gln
          65           70           75           80
Glu Glu Glu Gln Ser Glu Ile Met Glu Tyr Ser Val Leu Leu Pro Arg
          85           90           95
Thr Leu Phe Gln Arg Thr Lys Gly Arg Arg Gly Glu Ala Glu Lys Arg
          100          105          110
Leu Leu Leu Val Asp Phe Ser Ser Gln Ala Leu Phe Gln Asp Lys Asn
          115          120          125
Ser Ser His Val Leu Gly Glu Lys Val Leu Gly Ile Val Val Gln Asn

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130		135		140
Thr Lys Val Ala Asn Leu	Thr Glu Pro Val Val	Leu Thr Phe Gln His		
145	150	155	160	
Gln Leu Gln Pro Lys Asn	Val Thr Leu Gln Cys	Val Phe Trp Val Glu		
165	170	175		
Asp Pro Thr Leu Ser Ser	Pro Gly His Trp Ser	Ser Ser Ala Gly Cys Glu		
180	185	190		
Thr Val Arg Arg Glu Thr	Gln Thr Ser Cys Phe	Cys Asn His Leu Thr		
195	200	205		
Tyr Phe Ala Val Leu Met	Val Ser Ser Val Glu	Val Asp Ala Val His		
210	215	220		
Lys His Tyr Leu Ser Leu	Leu Ser Tyr Val Gly	Cys Val Val Ser Ala		
225	230	235	240	
Leu Ala Cys Leu Val Thr	Ile Ala Ala Tyr Leu	Cys Ser Arg Arg Lys		
245	250	255		
Pro Arg Asp Tyr Thr Ile	Lys Val His Met Asn	Leu Leu Leu Ala Val		
260	265	270		
Phe Leu Leu Asp Thr Ser	Phe Leu Leu Ser Glu	Pro Val Ala Leu Thr		
275	280	285		
Gly Ser Glu Ala Gly Cys	Arg Ala Ser Ala Ile	Phe Leu His Phe Ser		
290	295	300		
Leu Leu Thr Cys Leu Ser	Trp Met Gly Leu Glu	Gly Tyr Asn Leu Tyr		
305	310	315	320	
Arg Leu Val Val Glu Val	Phe Gly Thr Tyr Val	Pro Gly Tyr Leu Leu		
325	330	335		
Lys Leu Ser Ala Met Gly	Trp Gly Phe Pro Ile	Phe Leu Val Thr Leu		
340	345	350		
Val Ala Leu Val Asp Val	Asp Asn Tyr Gly Pro	Ile Ile Leu Ala Val		
355	360	365		
His Arg Thr Pro Glu Gly	Val Ile Tyr Pro Ser	Met Cys Trp Ile Arg		
370	375	380		
Asp Ser Leu Val Ser Tyr	Ile Thr Asn Leu Gly	Leu Phe Ser Leu Val		
385	390	395	400	
Phe Leu Phe Asn Met Ala	Met Leu Ala Thr Met	Val Val Gln Ile Leu		
405	410	415		
Arg Leu Arg Pro His Thr	Gln Lys Trp Ser His	Val Leu Thr Leu Leu		
420	425	430		
Gly Leu Ser Leu Val Leu	Gly Leu Pro Trp Ala	Leu Ile Phe Phe Ser		
435	440	445		
Phe Ala Ser Gly Thr Phe	Gln Leu Val Val Leu	Tyr Leu Phe Ser Ile		
450	455	460		
Ile Thr Ser Phe Gln Gly	Phe Leu Ile Phe Ile	Trp Tyr Trp Ser Met		
465	470	475	480	
Arg Leu Gln Ala Arg Gly	Gly Gly Pro Ser Pro	Leu Lys Ser Asn Ser	Asp	
485	490	495		
Ser Ala Arg Leu Pro Ile	Ser Ser Gly Ser Thr	Ser Ser Ser Arg Ile		
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